

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

FEB 15 2002

ATTORNEY DOCKET NO. 10014772-1COPY OF PAPERS  
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As a below named inventor, I hereby declare that  
My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A METHOD FOR PLACEMENT OF DATA FOR VISUALIZATION OF MULTIDIMENSIONAL DATA SETS  
USING MULTIPLE PIXEL BAR CHARTS**

the specification of which is attached hereto unless the following box is checked:

(X) was filed on 10/17/01 as US Application Serial No. or PCT International Application Number 09/982,481 and was amended on \_\_\_\_\_ (if applicable).

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| COUNTRY | APPLICATION NUMBER | DATE FILED | PRIORITY CLAIMED UNDER 35 U.S.C. 119 |
|---------|--------------------|------------|--------------------------------------|
|         |                    |            | YES: _____ NO: _____                 |
|         |                    |            | YES: _____ NO: _____                 |

**Provisional Application**

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As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022879Place Customer  
Number Bar Code  
Label here

Send Correspondence to:  
**HEWLETT-PACKARD COMPANY**  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

**Direct Telephone Calls To:**

**JAMES P. HAO** Thomas X. Li  
(408) 938-9060 (650) 857-5972

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Ming C. HAO Citizenship: \_\_\_\_\_

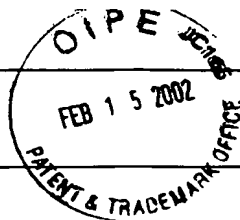
Residence: 4150 OLD ADOBE ROAD, PALO ALTO, CA 94306

Post Office Address: SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**



ATTORNEY DOCKET NO. 10014772-1

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Full Name of # 2 joint inventor: Umeshwar DAYAL

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

12561 RADOYKA DRIVE, SARATOGA, CA 95070

Post Office Address: \_\_\_\_\_

SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 3 joint inventor: Meichun HSU

Citizenship: USA

Residence: \_\_\_\_\_

12717 LEANDER DRIVE, LOS ALTOS HILLS, CA 94022

Post Office Address: \_\_\_\_\_

SAME AS RESIDENCE

Inventor's Signature Meichun Hsu

Date Jan 18, 2002

Full Name of # 4 joint inventor: Daniel A. KEIM

Citizenship: Germany

Residence: \_\_\_\_\_

WACKOLDERWEG 1, 06120 LIESKAN, GERMANY

Post Office Address: \_\_\_\_\_

SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 5 joint inventor: Adrian KRUG

Citizenship: Germany

Residence: \_\_\_\_\_

HANS-BECKERS STR 2, 40595 DUESSELDORF, GERMANY

Post Office Address: \_\_\_\_\_

SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 6 joint inventor: Julian LADISCH

Citizenship: Germany

Residence: \_\_\_\_\_

GOETHESTR. 4, 06114 HALLE, GERMANY

Post Office Address: \_\_\_\_\_

SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 7 joint inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 8 joint inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

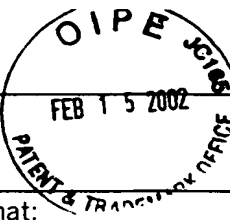
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Inventor's Signature \_\_\_\_\_

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Customer Number 022879Place Customer  
Number Bar Code  
Label hereSend Correspondence to:  
**HEWLETT-PACKARD COMPANY**  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400**Direct Telephone Calls To:**

|                       |                       |
|-----------------------|-----------------------|
| <b>JAMES P. HAO</b>   | Thomas X. Li          |
| <b>(408) 938-9060</b> | <b>(650) 857-5972</b> |

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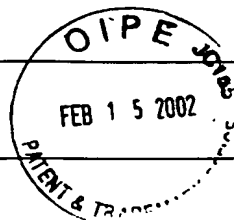
Citizenship: \_\_\_\_\_

Residence: 4150 OLD ADOBE ROAD, PALO ALTO, CA 94306Post Office Address: SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)**



ATTORNEY DOCKET NO. 10014772-1

Full Name of # 2 joint inventor: Umeshwar DAYAL

Citizenship: INDIA

Residence: 12561 RADOYKA DRIVE, SARATOGA, CA 95070

Post Office Address: SAME AS RESIDENCE

Inventor's Signature: *Umeshwar Dayal*

Date: 15 January 2002

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Full Name of # 3 joint inventor: Meichun HSU

Citizenship: \_\_\_\_\_

Residence: 12717 LEANDER DRIVE, LOS ALTOS HILLS, CA 94022

Post Office Address: SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 4 joint inventor: Daniel A. KEIM

Citizenship: Germany

Residence: WACKOLDERWEG 1, 06120 LIESKAN, GERMANY

Post Office Address: SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 5 joint inventor: Adrian KRUG

Citizenship: Germany

Residence: HANS-BECKERS STR 2, 40595 DUESSELDORF, GERMANY

Post Office Address: SAME AS RESIDENCE

Inventor's Signature: *Adrian Krug*

Date: 01/05/2002

Full Name of # 6 joint inventor: Julian LADISCH

Citizenship: Germany

Residence: GOETHESTR. 4, 06114 HALLE, GERMANY

Post Office Address: SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 7 joint inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 8 joint inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

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Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

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PATENT APPLICATION

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Thomas X. Li James P. Hao  
(650) 857-5972 (408) 938-9060

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Citizenship: \_\_\_\_\_

Residence: 4150 OLD ADOBE ROAD, PALO ALTO, CA 94306

Post Office Address: SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

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DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)

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ATTORNEY DOCKET NO. 10014772-1

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Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

COPY OF PAPERS  
ORIGINALLY FILEDFull Name of # 3 joint inventor: Meichun HSUResidence: 12717 LEANDER DRIVE, LOS ALTOS HILLS, CA 94022 Citizenship: \_\_\_\_\_Post Office Address: SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 4 joint inventor: Daniel A. KEIMResidence: 19 PARKER DRIVE, MORRIS PLAINS, NJ 07950 Citizenship: GermanyPost Office Address: SAME AS RESIDENCEInventor's Signature [Signature]Date Jan. 23, 2002Full Name of # 5 joint inventor: Adrian KRUGResidence: HANS-BECKERS STR 2, 40595 DUESSELDORF, GERMANY Citizenship: GermanyPost Office Address: SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 6 joint inventor: Julian LADISCHResidence: GOETHESTR. 4, 06114 HALLE, GERMANY Citizenship: GermanyPost Office Address: SAME AS RESIDENCE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 7 joint inventor: \_\_\_\_\_

Residence: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

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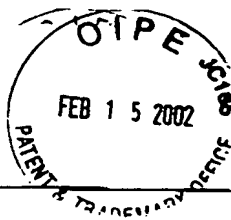
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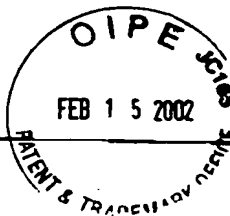
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Full Name of # 6 joint inventor: Julian LADISCH Citizenship: Germany  
Residence: GOETHESTR. 4, 06114 HALLE, GERMANY  
Post Office Address: SAME AS RESIDENCE

Inventor's Signature Julian Ladisch Date January 13, 2002

Full Name of # 7 joint inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

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